

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Listing of Claims:

Claims 1-8 (Canceled).

Claim 9 (Previously Presented): A liquid crystal display device comprising:

a liquid crystal display cell comprising:

an array substrate having a pixel electrode for each color of red, green, and blue arranged on the display screen in a matrix form,

an opposing substrate having an opposing electrode arranged in such a manner as to face the pixel electrodes of the array substrate,

an alignment layer formed on the pixel electrode and the opposing electrode,

a liquid crystal layer arranged in a bend alignment interposed between the array substrate and the opposing substrate, and

a filter comprising a red filter layer, a green filter layer, and a blue filter layer provided on one side of the substrates, the red filter layer being arranged corresponding to the red pixel electrode, the green filter layer being arranged corresponding to the green pixel electrode, and the blue filter layer being arranged corresponding to the blue pixel electrode;

a phase difference plate arranged on at least one of main surfaces of the liquid crystal display cell;

a pair of polarization plates arranged so as to interpose the liquid crystal display cell and the phase difference plate in the crossed-Nicol configuration; and

a voltage supplying source supplying the voltage applied to the blue pixel electrode in black display being different from the voltages applied to the red and green pixel electrodes

in black display, and the voltage of the blue pixel electrode in black display being set to a voltage making the v' value of the $u' v'$ chromaticity diagram become the maximum.

Claim 10 (Previously Presented): The liquid crystal display device as described in Claim 9, further comprising a backlight source arranged on one side of the polarization plate, having light emission peaks in light wavelength regions appropriate to the red, green, and blue filter layers respectively, and the blue wavelength region having light emission peaks at a longer wavelength side and a shorter wavelength side with reference to 450 nm.

Claim 11 (Previously Presented): The liquid crystal display device as described in Claim 9, wherein the phase different plate comprises a hybrid phase difference plate and a double-axial phase difference plate.

Claim 12 (Previously Presented): A liquid crystal display device comprising:
a liquid crystal display cell comprising:

an array substrate having a pixel electrode for each color of red, green, and blue arranged on the display screen in a matrix form,

an opposing substrate having an opposing electrode arranged in such a manner as to face the pixel electrodes of the array substrate,

an alignment layer formed on the pixel electrode and the opposing electrode,

a liquid crystal layer arranged in a bend alignment interposed between the array substrate and the opposing substrate, and

a filter comprising a red filter layer, a green filter layer, and a blue filter layer provided on one side of the substrates, the red filter layer being arranged corresponding to the red pixel electrode, the green filter layer being arranged

corresponding to the green pixel electrode, and the blue filter layer being arranged

corresponding to the blue pixel electrode;

a phase difference plate arranged on at least one of main surfaces of the liquid crystal display cell;

a pair of polarization plates arranged so as to interpose the liquid crystal display cell and the phase difference plate in the crossed-Nicol configuration; and

a voltage supplying source supplying the voltage applied to the blue pixel electrode in black display being different from the voltages applied to the red and green pixel electrodes in black display, and the maximum voltage of the blue pixel electrode being set to a voltage making the Z value of the XYZ stimulus value become the minimum.

Claim 13 (Previously Presented): The liquid crystal display device as described in Claim 12, further comprising a backlight source arranged on one side of the polarization plate, having light emission peaks in light wavelength regions appropriate to the red, green, and blue filter layers respectively, and the blue wavelength region having light emission peaks at a longer wavelength side and a shorter wavelength side with reference to 450 nm.

Claim 14 (Previously Presented): The liquid crystal display device as described in Claim 12, wherein the phase different plate comprises a hybrid phase difference plate and a double-axial phase difference plate.

Claim 15 (Previously Presented): A liquid crystal display device comprising:
a liquid crystal display cell comprising:

an array substrate having a pixel electrode for each color of red, green, and blue arranged on the display screen in a matrix form,

an opposing substrate having an opposing electrode arranged in such a manner as to face the pixel electrodes of the array substrate,

an alignment layer formed on the pixel electrode and the opposing electrode,

a liquid crystal layer arranged in a bend alignment interposed between the array substrate and the opposing substrate, and

a filter comprising a red filter layer, a green filter layer, and a blue filter layer provided on one side of the substrates, the red filter layer being arranged corresponding to the red pixel electrode, the green filter layer being arranged corresponding to the green pixel electrode, and the blue filter layer being arranged corresponding to the blue pixel electrode;

a phase difference plate arranged on at least one of main surfaces of the liquid crystal display cell, the phase different plate comprising a hybrid phase difference plate;

a pair of polarization plates arranged so as to interpose the liquid crystal display cell and the phase difference plate in the crossed-Nicol configuration; and

a voltage supplying source supplying the voltage applied to the blue pixel electrode in black display being different from the voltages applied to the red and green pixel electrodes in black display, and the voltage of the blue pixel electrode in black display being set to a voltage making the v' value of the $u'v'$ chromaticity diagram become the maximum.

Claim 16 (New): The liquid crystal display device according to Claim 9, wherein the voltage of the blue pixel electrode in the black display does not exceed 4.03V.

Claim 17 (New): The liquid crystal display device according to Claim 12, wherein the voltage of the blue pixel electrode in the black display does not exceed 4.03V.

Claim 18 (New): The liquid crystal display device according to Claim 15, wherein the voltage of the blue pixel electrode in the black display does not exceed 4.03V.